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NOVEMBER 6.

The President, Dr. Jos. LEIDY, in the chair.

Forty-nine persons present.

NOVEMBER 13.

Mr. CHARLES MORRIS in the chair.

Thirty-six persons present.

A paper entitled "Contributions to the Life History of Plants, No. III." By Thomas Meehan, was presented for publication.

NOVEMBER 20.

Rev. HENRY C. MCCOOK D. D., Vice-President, in the chair.

Twenty-four persons present.

The President was directed to convey to Mrs Clara Jessup Bloomfield Moore the thanks of the Academy for her gift of Five Thousand Dollars as an addition to the fund endowed by her father, the late Augustus E. Jessup.

NOVEMBER 27.

The President Dr. JOS. LEIDY, in the chair.

Thirty-four persons present.

Dr. W. S. W. Ruschenberger read his biographical notice of the late Geo. W. Tryon Jr. prepared at the request of the Academy.

Remarks on the fauna of Beach Haven, N. J.—Prof. LEIDY stated that he had spent the last two summers at Beach Haven, on which he made the following remarks: The place, a summer resort, is situated on the island of Long Branch, a sand bar but a few feet above the ocean level, 22 miles long and little more than half a mile wide, off the New Jersey coast, from which it is separated by Little Egg Harbor and Barnegat Bays. The island consists of the ocean beach, flanked by long low sand hills and meadows extending to the bays. It is treeless, but produces frequent patches of wax-myrtle, *Myrica cerifera*. While the variety of marine animal life in the vicinity is comparatively small, a few forms adapted to the special localities are abundant. The ocean beach consisting mainly of fine silicious sand without pebbles, between tides, swarms with the mole

of the surf line. They traversed the ground which had been covered by the tide, but which for a considerable distance is there exposed at the ebb. These foot-prints could be traced everywhere as issuing from and returning to the burrows which he had marked by flagging the grass stalks in their neighborhood. It was thus demonstrated, in this indirect way, that the narrative of his artist friend was correct, and that the Turret spiders do issue from their burrows during the night and perhaps at other periods and traverse the sandy flats, no doubt in search of prey. One half grown spider was captured while wandering on the flat.

These spider tracks were in themselves an interesting study, and Dr. McCook expressed regret that he did not sketch a longer consecutive series. The motion of the feet was so rapid that he could not determine the order in which they were placed down, nor identify the mark made by any particular foot. The scratch in the figures he thought might have been made by the spinnerets at the apex of the abdomen trailing in the sand.

Dr. Charles S. Dolley had observed similar tracks upon the sandy beach of Lake Ontario, near Rochester, which were made by the same spiders that dwell in that vicinity. He had found the spiders sheltered under the drift on the very edge of the shore whither they had doubtless gone in pursuit of prey or to drink.

Messrs Auguste Sallé of Paris, Louis Bedel of Paris and Dr. David Sharp of Wilmington, England were elected correspondents.

The following were ordered to be printed:—